

CLAIMS

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3 1. A method, including steps of
4 determining first values for a plurality of first parameters and at least one
5 second parameter for a communication link, said first parameters being associated with a
6 first layer of an OSI model communication system and said second parameter being asso-
ciated with a second layer of an OSI model communication system;

7 sending first information using said first values for said communication
8 link, said communication link being either an intracell communication link or an intercell
9 communication link;
10

11 obtaining second information regarding characteristics of said communica-
12 tion link in response to a result of said steps of sending; and

13 adjusting a plurality of said first values in conjunction in response to said
14 second information, whereby further use of said communication link is responsive to said
15 steps of adjusting.
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17 2. A method as in claim 1, wherein
18 said first communication link includes either an intracell communication
19 link or an intercell communication link; and

20 said second communication link includes an intercell communication link.
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22 3. A method as in claim 1, including steps of

1 performing said step of determining with regard to both a first communica-
2 tion link and a second communication link;

3 performing said step of sending with regard to both said first communica-
4 tion link and said second communication link;

5 performing said step of obtaining with regard to both said first communica-
6 tion link and said second communication link;

7 performing said step of adjusting in response to a result of said step of ob-
8 taining for each of said first communication link and said second communication link;
9 whereby said step of adjusting is responsive to potential interference between communi-
10 cation on said first communication link and said second communication link.

11
12 4. A method as in claim 3, wherein
13 said first communication link includes either an intracell communication
14 link or an intercell communication link; and

15 said second communication link includes an intercell communication link.

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17 5. A method is in claim 3, wherein said steps of adjusting include using
18 a first hysteresis parameter with regard to said first communication link and a second
19 hysteresis parameter with regard to said second communication link.

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21 6. Apparatus including

1 means for determining first values for a plurality of first parameters and at
2 least one second parameter for a communication link, said first parameters being associ-
3 ated with a first layer of an OSI model communication system and said second parameter
4 being associated with a second layer of an OSI model communication system;

5 means for sending first information using said first values for said commu-
6 nication link, said communication link being either an intracell communication link or an
7 intercell communication link;

8 means for obtaining second information regarding characteristics of said
9 communication link in response to a result of said steps of sending; and

10 means for adjusting a plurality of said first values in conjunction in re-
11 sponse to said second information, whereby further use of said communication link is re-
12 sponsive to said steps of adjusting.

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14 7. Apparatus as in claim 6, wherein

15 said first communication link includes either an intracell communication
16 link or an intercell communication link; and

17 said second communication link includes an intercell communication link.

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19 8. Apparatus as in claim 6, including

20 coupling said means for determining to both a first communication link and
21 a second communication link;

1 coupling said means for sending to both said first communication link and
2 said second communication link;

3 coupling said means for obtaining to both said first communication link and
4 said second communication link;

5 coupling said means for adjusting to an output of said means for obtaining
6 for each of said first communication link and said second communication link, whereby
7 said means for adjusting is responsive to potential interference between communication
8 on said first communication link and said second communication link.

9
10 9. Apparatus as in claim 8, wherein
11 said first communication link includes either an intracell communication
12 link or an intercell communication link; and
13 said second communication link includes an intercell communication link.

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15 10. Apparatus is in claim 8, wherein said means for adjusting include a
16 first hysteresis parameter with regard to said first communication link and a second hys-
17 teresis parameter with regard to said second communication link.

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19 11. Apparatus including
20 at least one base station controller capable of determining first values for a
21 plurality of first parameters and at least one second parameter for a communication link,
22 said first parameters being associated with a first layer of an OSI model communication

1 system and said second parameter being associated with a second layer of an OSI model
2 communication system;

3 said base station controller being capable of sending first information using
4 said first values for said communication link, said communication link being either an in-
5 tracell communication link or an intercell communication link;

6 said base station controller being capable of obtaining second information
7 regarding characteristics of said communication link; and

8 said base station controller being capable of adjusting a plurality of said
9 first values in conjunction in response to said second information, whereby further use of
10 said communication link is responsive to said steps of adjusting.

11
12 12. Apparatus as in claim 11, wherein

13 said first communication link includes either an intracell communication
14 link or an intercell communication link; and

15 said second communication link includes an intercell communication link.

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17 13. Apparatus as in claim 11, including

18 a first communication link and a second communication link;

19 said base station controller being capable of independently controlling said
20 first parameters and said second parameters for both said first communication link and
21 said second communication link, in response to potential interference between communi-
22 cation on said first communication link and said second communication link.

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2 14. Apparatus as in claim 13, wherein
3 said first communication link includes either an intracell communication
4 link or an intercell communication link; and
5 said second communication link includes an intercell communication link.
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7 15. Apparatus is in claim 13, wherein said means for adjusting include a
8 first hysteresis parameter with regard to said first communication link and a second hys-
9 teresis parameter with regard to said second communication link.

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a1
add
b1